

WHAT IS CLAIMED IS:

1. A disk module of solid state, comprising
a IDE interface, being a connector to engage with the main board of a computer;
a flash memory controller, being used to control data access and specify an address of data storage;
a power source, being connected to said flash memory controller to supply a working voltage; and
a flash memory array, being composed of a plurality of flash memories and connecting with said flash memory controller for saving data.
2. A disk module of solid state as defined in claim 1, wherein said power source may be associated with the IDE interface to form a connector:
3. A disk module of solid state as defined in claim 1, said flash memory controller is a single chip controller.
4. A disk module of solid state as defined in claim 3, wherein said single chip controller is MX9691 controller.
5. A disk module of solid state as defined in claim 1, wherein said flash memory array are ten flash memories dividing into five groups.
6. A disk module of solid state as defined in claim 1, wherein said flash memory controller and said flash memory array are disposed on a circuit board.
7. A disk module of solid state as defined in claim 1, wherein said flash memory controller and said flash memory array are covered by a casing and a side thereof connects a IDE interface.
8. A disk module of solid state as defined in claim 1, wherein the power source extends a power output.

9. A disk module of solid state as defined in claim 7, wherein the IDE interface has the same orientation as the casing for a vertical engagement.

10. A disk module of solid state as defined in claim 7, wherein the IDE interface is disposed to perpendicular to the casing for a horizontal engagement.

11. A disk module of solid state as defined in claim 1, wherein the IDE interface is integral with an extending interface.

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